

JAN 15 1982

DPM845

1. PRODUCT NAME, NUMBER, SYNONYM: 3M Brand Adhesive EC-870
2. MANUFACTURER'S NAME: 3M Company
3. MANUFACTURER'S ADDRESS: 3M Center - St. Paul, Minnesota 55101
4. PROCEDURE IN CASE OF BREAKAGE OR LEAKAGE: Avoid ignition. Wipe up and discard.

5. TRANSPORTATION AND STORAGE REQUIREMENTS: Store at 60-80°F. ICC Shipping Classification - rubber cement, red label required.

6. FIRST AID TREATMENT:

- A. SKIN CONTACT: Wash with soap and water.
- B. EYE CONTACT: Flush immediately with plenty of water. Seek medical advice.
- C. INHALATION: Provide fresh air.
- D. ANTIDOTE IN CASE OF SWALLOWING: _____

7. PHYSIOLOGICAL PROPERTIES:

- A. ACUTE ORAL TOXICITY: Unknown, expected to be low
- B. LOCAL EFFECTS UPON EYES: May be irritating.
- C. LOCAL EFFECTS UPON SKIN: Defatting, possible irritant
- D. ESTIMATE OF ACUTE HAZARD BY INHALATION (VOLATILE MATERIALS): moderate
- E. WARNING PROPERTIES (ODOR, IRRITATION TO EYES, NOSE OR THROAT): odor
- F. ESTIMATED THRESHOLD LIMIT VALUE (IF NOT ON CURRENT LIST BY AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS): 200 ppm.

8. CHEMICAL AND PHYSICAL PROPERTIES:

- A. SPECIFIC GRAVITY (WATER = 1) 0.96
- B. VAPOR DENSITY (AIR = 1) _____
- C. VAPOR PRESSURE mm Hg AT 25°C. _____
- D. pH _____
- E. CORROSIVE ACTION ON COMMON MATERIALS SUCH AS: ALUMINUM, MAGNESIUM, PLEXIGLAS, RUBBER, LACQUERS, ENAMELS, FABRICS:
None expected beyond solvent action

F. DOES THE MATERIAL DECOMP WHEN EXPOSED TO AIR? WATER? HEAT? STR OXIDIZERS? _____

G. FOR MIXTURES GIVE THE PERCENTAGE COMPOSITION OF INGREDIENTS:

COMPOUND	PERCENT
synthetic rubber, resins	35
toluol	65

NOTE: GENERALIZATIONS SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES, CHLORINATED HYDROCARBONS, ETC., ARE NOT ADEQUATE FOR TOXICOLOGICAL EVALUATION. PROPER CHEMICAL NAMES MUST BE KNOWN.

H. DOES THE MATERIAL GENERATE HEAT THROUGH POLYMERIZATION OR CONDENSATION? _____
no

9. PRECAUTIONS FOR NORMAL CONDITIONS OF USE: Keep away from heat, sparks and flame.
Use only in well ventilated areas. Avoid prolonged breathing of
vapors and prolonged or repeated skin contact.

10. RECOMMENDED PROTECTIVE EQUIPMENT: _____

11. A. FLASHPOINT °F: CLOSED CUP _____; OPEN CUP 37°F.; IF F.P. CHANGES DURING EVAPORATION, GIVE DATA: _____

B. EXPLOSIVE LIMITS (% VOL. AIR): LOWER _____; UPPER _____

C. SUSCEPTIBILITY TO SPONTANEOUS HEATINGS: YES _____; NO _____

D. FIRE POINT °F _____; AUTO IGNITION TEMPERATURE °F _____

E. VAPOR DENSITY _____

F. WHAT PRODUCTS MIGHT BE FORMED IN THE EVENT OF FIRE OR ABNORMAL TEMPERATURES? _____

Organic decomposition products.

G. SUITABLE EXTINGUISHING AGENTS: CO₂, foam, dry chemical

12. INFORMATION FURNISHED BY: Herman A. Birnbaum

TITLE: Product Toxicologist

COMPANY: 3M Company

ADDRESS: 3M Center - St. Paul, Minnesota 55101

DATE: 9/22/70

NOTE: INFORMATION IN REGARD TO A MATERIAL'S COMPOSITION WILL BE USED FOR THE PURPOSE OF COMPLYING WITH LOCAL, STATE AND FEDERAL ORDINANCES, LAWS AND CODES, AND REQUIREMENTS OF GOVERNMENTAL AGENCIES.

THE COMPLETED FORM SHOULD BE RETURNED TO PURCHASING, DOUGLAS AIRCRAFT DIVISION, LONG BEACH, CALIF. 90801.